ANSER™ | U2
unbeatable worldwide

U2 Inkjet Printer
User Manual

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Contents

1. **SAFETY INSTRUCTIONS** 1

2. **U2 Introductions** 3

Printer ***3***

IR-Remote Keypad ***4***

Menu Tree ***5***

Message Browser ***6***

SD card ***7***

3. **Function** 8

Configuration ***8***

Shut down 8

Language 8

Measurement 8

System Clock 8

LCD Backlit 8

Daylight Saving Time 9

Reset to Default 9

Alarm Option ***11***

Counter-Alarm 11

Key Tone 11

Printing Beep 11

Alarm-kit (Optional) 11

Editing Option ***13***

Message Name 13

Customer Year 13

Date/Time Format 13

Shift 14

Rollover Hour 14

Counter Reset 15

Pre-Zero 15

System Diagnostic ***16***

System Tests 16

Log Report 16

Printing Setup ***17***

PrintHead 17

Pre-purge 17
Photocell 18
Encoder and Conveyor 19
Conveyor Speed Test 19
Repeat Print 20
Clean PrintHead 20
Printing Display Mode 20
Security Setup 21
Password Option 21
User Setup 21
About U2 23
Printer Information 23
Ink Information 23

4. Editing Message 24

TEXT 25
TIME 25
EXPIRE 26
COUNTER 26
SHIFT 27
LOGO 27
BARCODE 28
String 29
Modify Object 29
Delete Object 29
Save Message 29
Delete Message 29

5. Setting Up Print Delay 30

6. Printing Message 31

7. TOOLS 32

Preview Message 32
Preview Logo 32
Create New Message 32
Find Message 32
Copy Message 33
Rename Message 33
Ink Report 33

Production Counter..... 33

Notes and Warning

☞ **NOTE**: Important information that helps you make better use of U2.

⚠ **WARNING**: Indicating either potential damage to hardware or loss of data and telling you how to avoid the problem.

SAFETY INSTRUCTIONS

☞ Please retain this page nearby your printer for future reference.

⚠ **Please follow the installation instructions for your safety.**

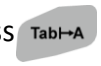
Installation:

1. Please note that once the PrintHead has been installed it is necessary to use the guide bar to protect the PrintHead from damaged while printing. (Any external damaged, included box collision without the guide bar will not be covered by warranty)
2. When you extract the ink cartridge from the holder, press it and take it out at a 15 degree angle. Please note that any removal by excessive force will damage the PrintHead.
3. After the installation process is completed, please ensure ALL the screws are tightened.
4. The installation of a UPS is highly recommended because it helps to avoid the damage that may be caused by power loss.
5. It is highly recommended for users to correctly earth the printer. Furthermore, it's necessary to connect to a dedicate power socket.
6. If the working environment is dusty, it is highly recommended clean the nozzle regularly using a low level compressed air supply that is dry and clean.

Operation:

1. The remote controller will turned off automatically after three minutes if it is not being operated.
2. Please keep the printing throw distance within 6mm to ensure the best printing quality.
3. When the lay-out appears to have ink excessive, please apply the wet wipe

to clean the nozzle surface.

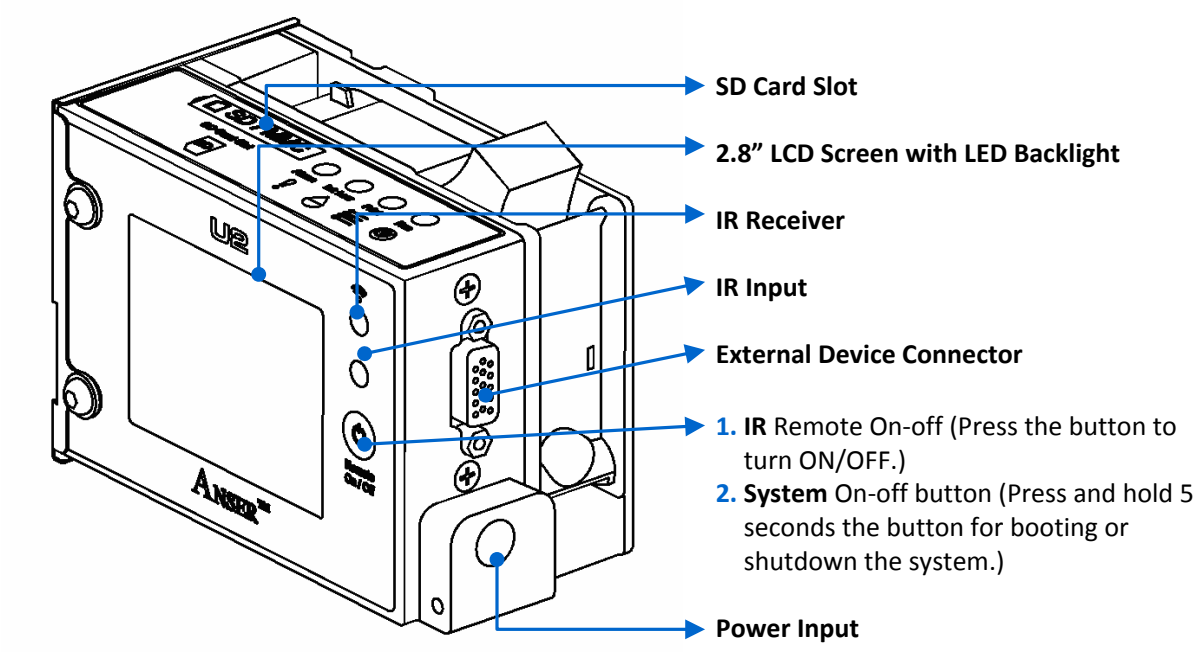
4. If the printing position is incorrect, please press 

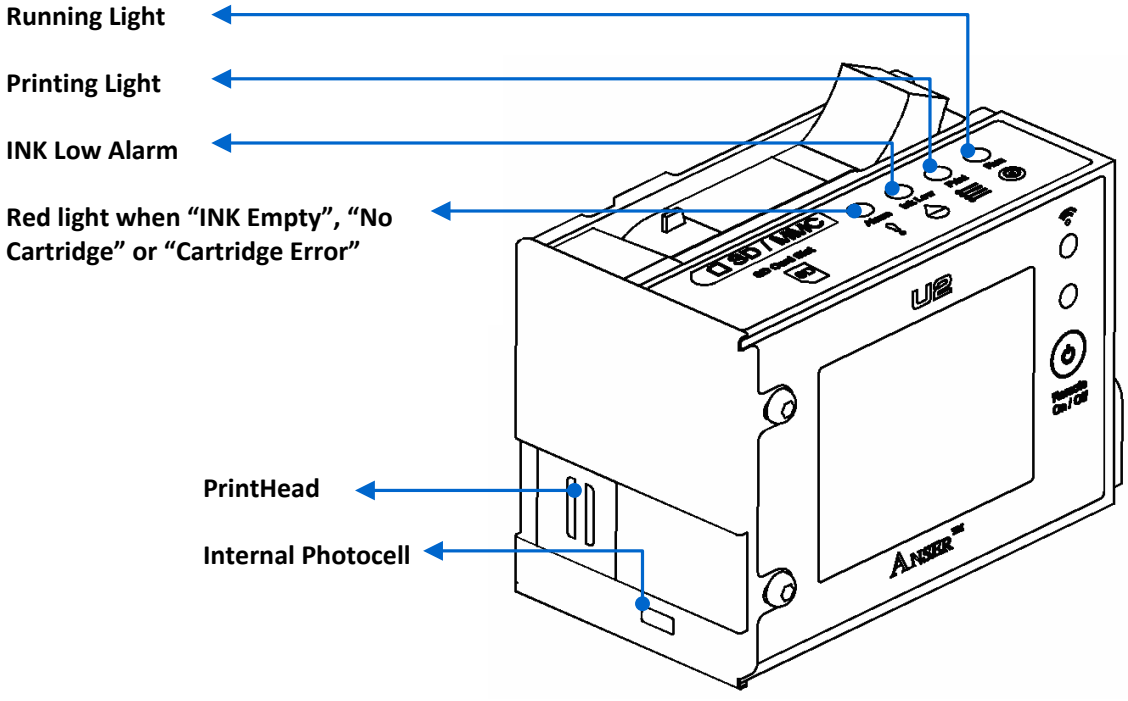
to reset to the best printing position.
5. In a dusty production environment, please clear the dust using clean low pressure compressed air daily.
6. Please contact your local distributor if the printer malfunctions and the problems cannot be solved personally.

☞ **The precautions listed above are to be taken prior to installation.**

U2 Introductions

Printer

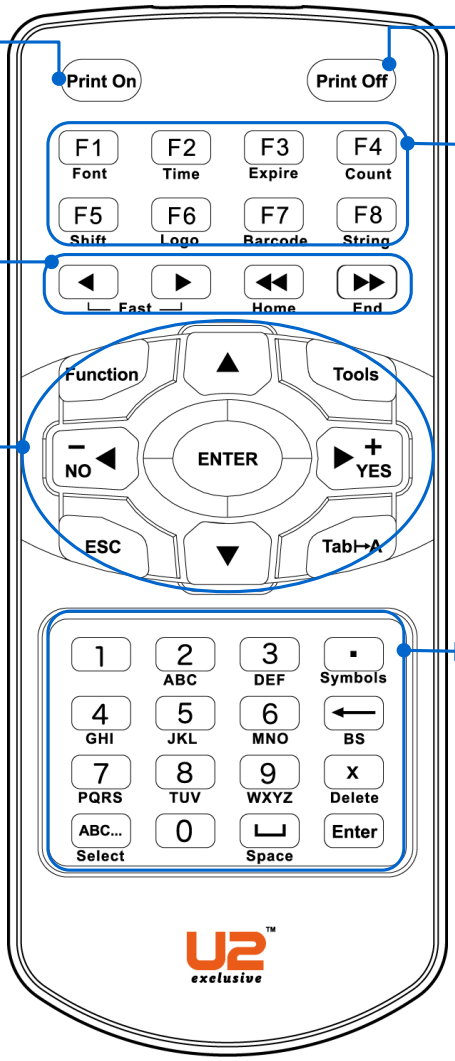

SD Card Slot
2.8” LCD Screen with LED Backlight
IR Receiver
IR Input
External Device Connector
1. IR Remote On-off (Press the button to turn ON/OFF.)
2. System On-off button (Press and hold 5 seconds the button for booting or shutdown the system.)
Power Input



IR-Remote Keypad

Print On: Start Printing

Print Off: Stop Printing



Input variable objects in a message:

F1. Select fonts
F2. Select time and date format
F3. Select expiration date format
F4. Input the Counter Code
F5. Input the Shift Code
F6. Input Logo
F7. Input the Barcode
F8. Input the String

Fast Move Keys:

◀/▶, ◀◀/▶▶: Position the cursor

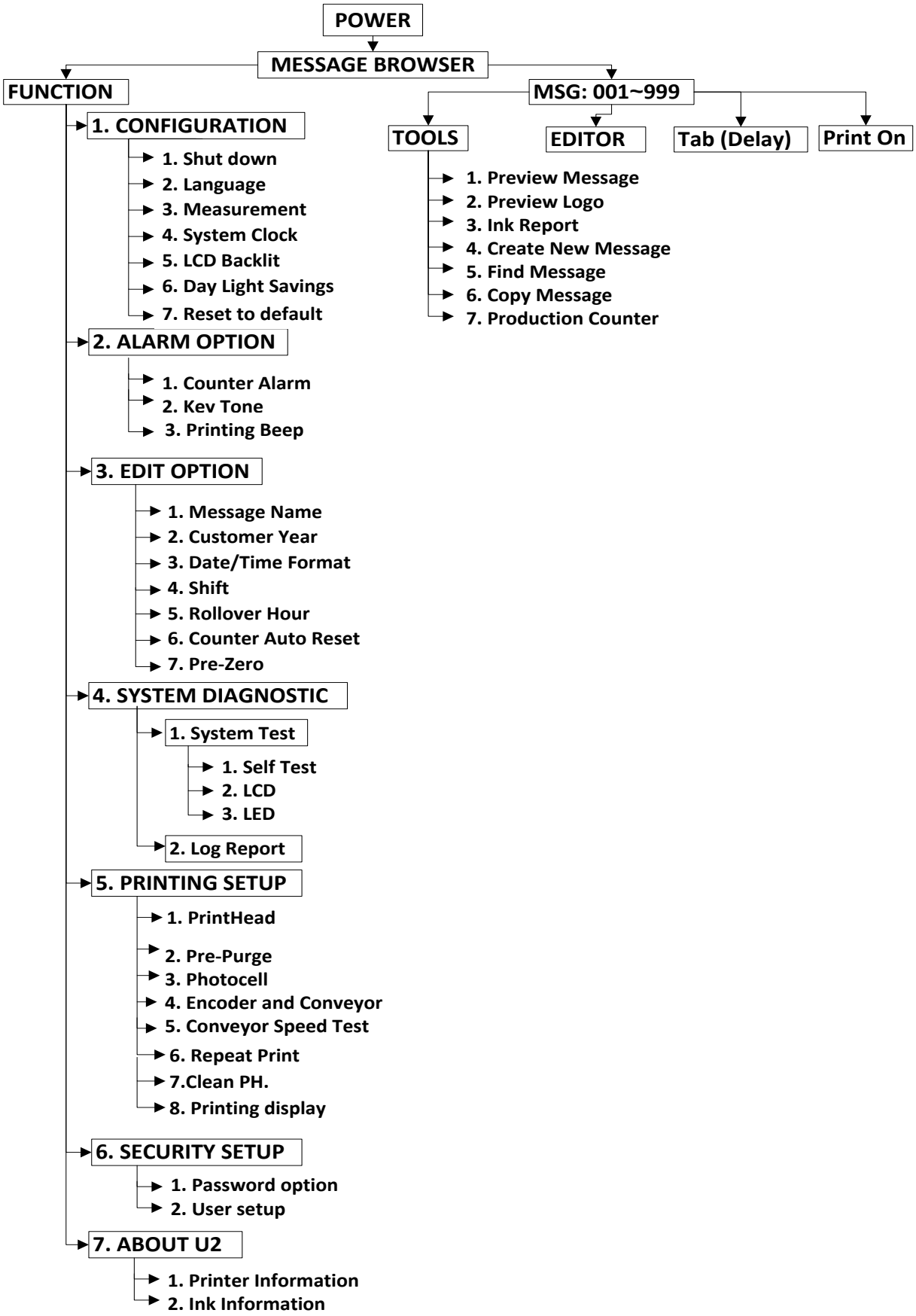
Basic operation and most frequent used keys:

- **FUNCTION**: Managing various settings.
- **TOOLS**: Managing various handy options.
- **ENTER**: To confirm, modify or advance to next screen.
- **ESC**: Back to previous screen or quit action.
- ◀/▶/▼/▲Navigation and selection Keys

Enter Characters:

- **0~9:**Input alphabetic letters or numeric number.
- **▪ (Symbols):**Input symbols.
- **←(BS):**Delete the preceding character and shift back the cursor one position.
- **×(Delete):**Discard the character ahead of cursor's position.
- **ABC...:** Numbers and letters shift.

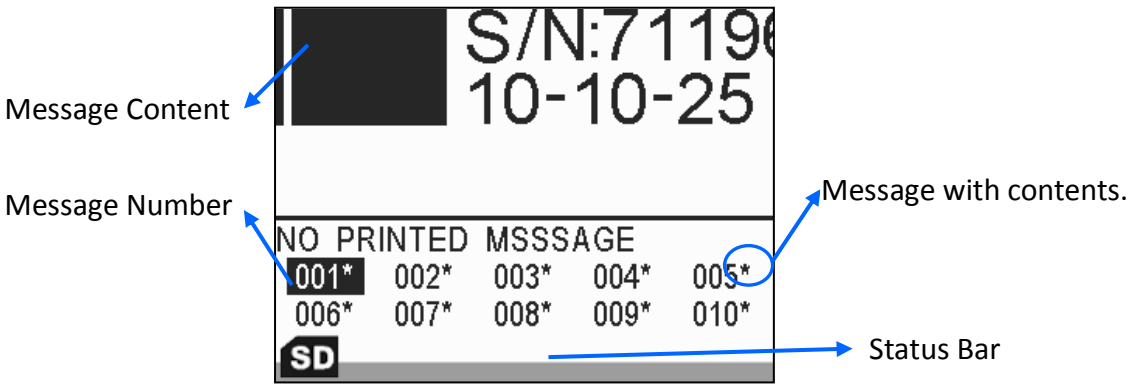
Menu Tree


POWER
MESSAGE BROWSER
FUNCTION
1. CONFIGURATION
1. Shut down
2. Language
3. Measurement
4. System Clock
5. LCD Backlit
6. Day Light Savings
7. Reset to default
2. ALARM OPTION
1. Counter Alarm
2. Kev Tone
3. Printing Beep
3. EDIT OPTION
1. Message Name
2. Customer Year
3. Date/Time Format
4. Shift
5. Rollover Hour
6. Counter Auto Reset
7. Pre-Zero
4. SYSTEM DIAGNOSTIC
1. System Test
1. Self Test
2. LCD
3. LED
2. Log Report
5. PRINTING SETUP
1. PrintHead
2. Pre-Purge
3. Photocell
4. Encoder and Conveyor
5. Conveyor Speed Test
6. Repeat Print
7.Clean PH.
8. Printing display
6. SECURITY SETUP
1. Password option
2. User setup
7. ABOUT U2
1. Printer Information
2. Ink Information
MSG: 001~999
TOOLS
EDITOR
Tab (Delay)
Print On
1. Preview Message
2. Preview Logo
3. Ink Report
4. Create New Message
5. Find Message
6. Copy Message
7. Production Counter

Message Browser

Use arrow key to select messages (No.001~999), press ENTER to edit message.

☞ You can only edit one message (No.001) without SD card.



Icons on Status Bar

Icons	Descriptions
	No Cartridge
	Ink Empty
	Ink Low
	No SD Card
	SD Card OK
	Warning
	Switch between letters and numbers.

SD card

SD card is the ultimate source of data transfer between PC (**MessagePRO**) and U2 printer.

- **CARD LOST:** You can purchase any standard 2GB SD card as replacement. As blank SD card, please insert the cards into U2 printer for activation, and the card will be auto-activated by obtaining the same serial number from the printer.

☞ The **MessagePRO** can only function properly when the card is activated.

- **SWITCH PRINTER:** To use your SD card for different U2 printer without losing previous saved messages or data, insert the card into the U2 printer; the pop-up message will be shown, and press "**YES**" button to make the SD card can be compatible with theU2.

☞ The U2 printer has ability to memorize the last previous working message. However, without SD card, you can edit only one message, but you can save it. After you re-insert the SD card, the working message #001 will be substituted to the default test message.

Function

Configuration

Under the Message Browser, press **FUNCTION** > **CONFIGURATION**.

Shut down

Press Function 1 1 to shut down the U2 system.

Language

1. Press Function 1 2 to choose a system language.
2. Press ▲ ▼ to select languages.

☞ The system offers eight different languages. (English, Chinese, Japanese, German, Italian, French, Spanish and Korean)

Measurement

1. Press Function 1 3 to choose the unit measurement.
2. Press − NO ◀ ▶ + YES to select **IMPERIAL<INCH>** or **METRIC<MM>**.

System Clock

Press Function 1 4 to set system clock.

LCD Backlit

Reduce the power consumption by enhancing the backlight brightness to black level.

☞ Enable both LCD Backlit and password, while the backlit reaches the set-timing and turns into back screen, the system also log off simultaneously.

1. Press Function 1 5 to set LCD backlit.

2. Press NO◄ ►+YES to select **ON**.

3. Input the delay time, the range is from 1~60 minutes.

☞ The LCD screen will be always on when status is **OFF**.

Daylight Saving Time

Daylight saving time (DST), and "Summer Time" in much of Europe, is the practice of moving local time forward one hour in the spring and backwards in the autumn.

1. Press Function 1 6.

2. Press NO◄ ►+YES to select **ON**.

3. Press NO◄ ►+YES to select the area; **AMERICA** or **EUROPE**.

Reset to Default

⚠ **Reset system to default causes your previous setting lost.**

1. Press Function 1 7 to reset the system.

2. Input a fix numbers “123456” to proceed.

☞ **System Default Setting:**

Measurement	British(Inch)
LCD Backlit	OFF
Day Light Saving	OFF
Count Alarm	OFF
Key Tone	ON
Printing Beep	OFF
Message Name	OFF
Customer Year	OFF
Date/Time Format	Default Format: Total 19
Shift	Shift name: A, Starting time: 08:00
Rollover Hour	OFF
Counter Auto Reset	OFF

Pre-zero	Time : 20:01:01
	Date : 2010:10:12
	Counter : 0001
PrintHead	Direction ->|ABC
	Nozzle: LEFT
	Resolution:300×400DPI
Pre-purge	OFF
Photocell	Internal
Encoder and Conveyor	Encoder: OFF Conveyor Speed: 82 FEET/MIN
Print Delay	0mm
Password Option	OFF

Alarm Option

Under the Message Browser, press **FUNCTION** > **ALARM OPTION**.

Counter-Alarm

Allow the printer making alarm sound when the pre-setup counter value has been reached.

1. Press Function 2 2.

2. Press − NO ◄ ► + YES to **ON**.

☞ When **COUNTER ALARM** is **ON**, you are able to turn the **ALARM** ON/OFF in every single Counter with in a message.

Key Tone

1. Press Function 2 3.

2. Press − NO ◄ ► + YES to select **ON**.

One beep sound: appropriate input key.

Two beep sound: inappropriate input key.

Printing Beep

1. Press Function 2 3.

2. Press − NO ◄ ► + YES **to select ON.**

☞ When **Printing beep** is **ON,** you will be able to hear one beep sound every time you print.

Alarm-kit (Optional)

When external Alarm kit has been connected to your system, the printer will detect the Alarm-kit automatically.

☞ The following form will tell you how Alarm LED will show due to all kinds of malfunction!

Ink Low	Orange

Normal Work	Green
Ink Empty	Red
Invalid cartridge	
Ink error: Ink Cartridge area code or sales code error	
No Cartridge	

Alarm LED Instruction

Editing Option

Under the Message Browser, press **FUNCTION** > **EDITING OPTION**.

Message Name

Allow you to name/rename any message as your desire.

1. Press Function 3 1.
2. Press − NO ◀ ▶ + YES to select **ON**.

Customer Year

Allow you to print customized year despite the system year.

1. Press Function 3 2 to setup.
2. Press − NO ◀ ▶ + YES to select **ON**.
3. Input the year you desire.

Date/Time Format

Allow you to customized time notation.

- To create new format:

1. Press Function 3 3 to setup.
2. Pick **EMPTY** and press ENTER .
3. Insert conjunction symbol such as (**/, -**), press . **SYMBOLS**.
4. Choose **SYMBOL** or **EURO CHAR**.
5. Pick the symbol you desired with numeric number key.

☞ If the system font does not support European Accented Characters, the printer will not display the option for you to choose, but display the symbols only.

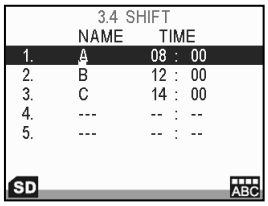
Shift

Allow user records all operators and their starting time.

1. Press Function 3 4 to setup.

2. Highlight to any item then enter shift name and time.

3. Press ENTER to go to the next row and add more shifts.



SHIFT **A** starts work at 08:00
SHIFT **B** starts work at 12:00
SHIFT **C** starts work at 14:00

☞ Shift name only allows three letters.
☞ 24-hour clock is a convention of time keeping for starting time.

Rollover Hour

Allow you to print different date base on your production shift schedule.

☞ At 24 hour time convention, input time in the morning or afternoon reflects different printing date as following diagram presented:

For example: System Date: 2010/09/21.

① If you input time in the morning, the print date is changed to 2010/09/20. When it reached time you set, print date will be changed to the next day;

② If you input time in the afternoon, the print date is 2010/09/21. When it reached time you set, print date will be changed to the next day.

1. Press Function 3 5 to setup.

2. Press NO◄ ►YES to select **ON**.

3. Input the roll-over time you desired.

Counter Reset

To reset the counter before printing the message.

1. Press Function 3 6.
2. Press − NO ◀ ▶ + YES to select **ON**.

Pre-Zero

Displays a digit or nothing! If the expression has a digit in the position where the # appears in the format string, display it; otherwise, display nothing in that position. This symbol works like the 0 digit placeholder, except that leading and trailing zeros aren't displayed if the number has the same or fewer digits than there are # characters on either side of the decimal separator in the format expression.

1. Press Function 3 7 to setup.
2. Select the pre-zero content and press − NO ◀ ▶ + YES for different format.

System Diagnostic

Under the Message Browser, press **FUNCTION** > **SYSTEM DIAGNOSTIC**.

System Tests

Press Function 4 1 to enter System Tests.

- **SELF TEST**: Check the U2 system controller for any abnormal status or alarm information, such as Ink low, Ink empty, No cartridge or Ink error.
- **LCD TEST**: Check if the LCD Screen is damaged.
- **LED TEST**: Check if LED indicators are running normally.

Log Report

Press Function 4 2 to view system log report of users' operation activities.

Printing Setup

Under the Message Browser, press **FUNCTION** > **PRINTING SETUP**.

PrintHead

Press Function 5 1 to setup.

Move to the row you need and press NO ◀ ▶ YES to adjust the option.

- Channel: Switch **SINGLE** or **DUAL**.

  Dual Channels: Double the vertical resolution to 600dpi to optimize the printing darkness.

- Direction: Switch the direction of printing.

  –ABC: Print from “A” to “C”.

  ABC–: Print from “C” to “A”.

  –ABC: Print from “C” to “A” and rotate 180°.

  ABC–: Print from “A” to “C” and rotate 180°.

  Nozzle: Switch left (Default) or right.

- Resolution: user can adjust resolution from 50~600dpi, when the encoder is **OFF**.

☞ As U2 default resolution: 300x400, the first number represents vertical dpi, which will auto adjust to 600 when Dual Channel is ON. The second number represents horizontal resolution, and it can be adjusted manually. Please aware the effeteness of printing speed (Higher dpi but slower printing speed) and distortion of printing image when horizontal dpi is adjusted.

Pre-purge

Enable Pre-purge function, the Printer will output ink dots periodically, preventing the ink solidified on the nozzle in a dry environment or long printing gap time.

☞ Pre-Purge is an important attribution to the print quality, especially with

different semi-porous and none-porous ink, it is critical to adjust calibration for different environments due to the unique ink character and decap time.

1. Press Function 5 2 to setup.

2. Press NO◄ ►+YES to select **ON** or **OFF**.

3. Input the value of calibration (Calibrated range from **1** to **5**).

☞ Calibrate 1 corresponding to the wettest environment, where minimum pre-purge output might apply. Calibrate 5 corresponds to the driest environment, where maximum pre-purge output might apply.

Photocell

A sensor targets to objects and triggers the print timing. Select different types photocell prior to your need.

1. Press Function 5 3 to setup.

2. Press NO◄ ►+YES to choose **INTERNAL** or **EXTERNAL**.

INTERNAL: Default internal photocell of U2 printer.

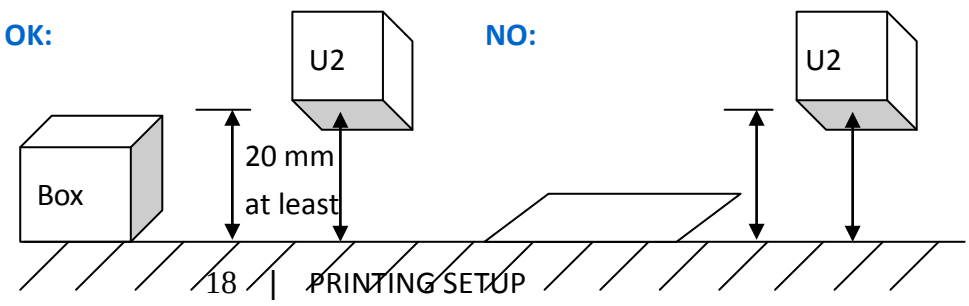
EXTERNAL: Connect an external photocell via external device interface.

3. Select **EXTERNAL**, and press NO◄ ►+YES to choose **NORMAL** or **INVERT**.

NORMAL: PNP configuration in CMOS (Default).

INVERT: NPN configuration in CMOS.

⚠ For users who prefer to print downside and printing object is less than 20mm height, external photocell with precision is recommended.



Preview Report

SECURITY SETUP

Paper Sheet

Encoder and Conveyor

When the speed of conveyor is inconsistent, an encoder can ensure the print length regardless the speed of conveyor.

Press Function 5 4 to setup.

- When the Encoder is **OFF**, input the conveyor speed. Otherwise, go through **CONVEYOR SPEED TEST** to determine the speed.

☞ If the input value and actual conveyor speed are not consistent, various printing issues might occur. To ensure the best print quality, encoder is recommended.

- When encoder is **ON**, the conveyor speed will automatically turn **OFF**.

1. Press − NO ◀ ▶ + YES to select **ON**.

2. Input **PULSE/CYCLE** and **DIAMETER** of encoder and U2 calculates the DPI automatically.

☞ Don't recommend modify **PULSE/CYCLE**, and default value is 2500.

☞ ANSER offers optional 400DPI encoder with 1.98" wheel diameter.

Conveyor Speed Test

Press Function 5 5 to test the conveyor speed.

- When the Encoder is **OFF**:

1. Input the length of a box you want to print to.

2. Put a physical box on conveyor.

3. When photocell triggers the physical box, the printer calculates the current

speed simultaneously.

- When the Encoder is **ON**:

Enter **CONVEYOR SPEED TEST** and start conveyor belt, the system can calculate the current speed automatically.

Repeat Print

When enable this function, the printer will repeat print automatically as long as you set the printer to corresponding parameters.

Press Function 5 6 to set the parameters.

1. Press NO◀ ▶YES to select the STATUS ON/OFf.
2. Press NO◀ ▶YES to select the TRIGGER mode ON/OFf.
3. Press NO◀ ▶YES to select the INFINITE/FINITE PRINT

- When the TRIGGER mode is ON and the OPTION is INTINITE, you need to use photocell to get the trigger signal (External/Internal photocell).

1. Set the Printing DELAY
2. Set the Printing GAP (The distance between with two MSG's beginning part)
3. Define the REPEAT times

☞ When select the TRIGGER mode ON, there is no need of using photocell you only need to set the corresponding Printing GAP to start the repeat print (No times limitation)

Clean PrintHead

1. Press Function 5 7 to setup.

☞ When enable this function you are able to print black square for the purpose of cleaning the PrintHead under dual channel mode.

Preview Report

SECURITY SETUP

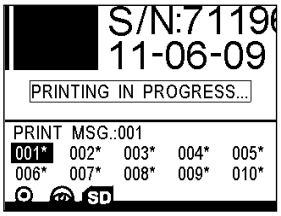
Printing Display Mode

1. Press to setup.

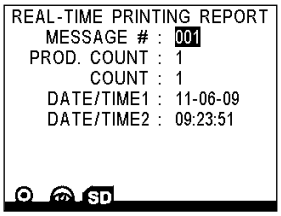
2. Press to select printing **PREVIEW/REPORT.**

Preview Report

SECURITY SETUP



Preview



Report

Security Setup

Under the Message Browser, press **FUNCTION** > **SECURITY SETUP**.

Password Option

1. Press Function 6 1.

2. Press NO◀ ▶YES to select **ON** or **OFF**.

☞ When PASSWORD is **ON**, the **LOG-OUT** and **USER SETUP** instantly become available. The next time you turn on the U2, you must input a user name and password to logon!

User Setup

Enable password allows you to manage different user account!

The system grants 3 different levels of user:

ADMIN----Manager: Unlimited access to all level operations with initial password “1234”.

USER0----Editor: Limited access with **TOOLS** & **EDITOR** functions.

USER1----Operator: Limited access with preview & download print message only.

- **Add New User**

1. Under the USERS PASSWORD, press ENTER .
2. Select **ADD**, and then press ENTER .
3. Input the user name, and then move to the next row.
4. Press NO◀ ▶YES to assign a level of access to the new user, and move to the next row.
5. Enter the password, and re-enter the password on the next row.

- **Delete User**

☞ System default users cannot be deleted!

Under the USERS PASSWORD, select a user you want to delete (other than system default user), and then press X **DELETE**.

- **Modify User**

You can only modify the password for system default users!

1. Under the **USERS SETUP**, select a user you want to modify, then press ENTER .
2. Select **MODIFY**, then press ENTER .
3. Select the content you desire to modify (User name, Level, Password and Re-enter).

About U2

Under the Message Browser, press **FUNCTION** > **ABOUT U2**.

Printer Information

1. Press

to view the related information about the Printer.
2. Press

, you can read more information about U2.

Ink Information

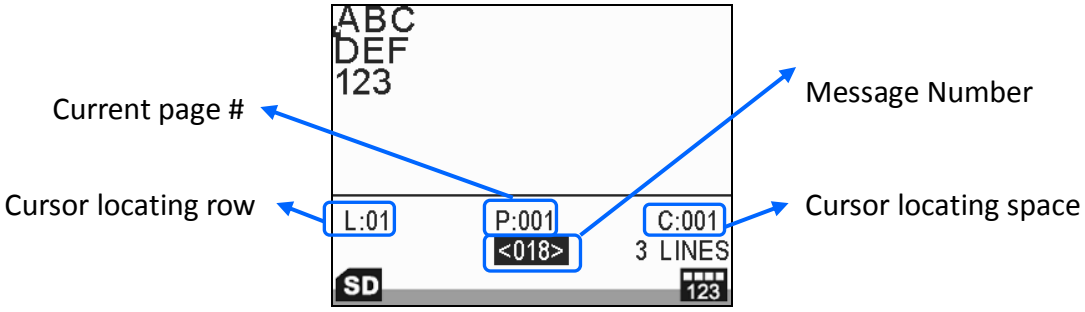
Press

to view the ink information.

Editing Message

In the Message Browser, use arrow key to select messages, press ENTER enter the Editing Mode.

☞ In the Editing Mode, you can input text and variable objects contain Time, Expire, Counter, Shift, Logo, Barcode, Strings.

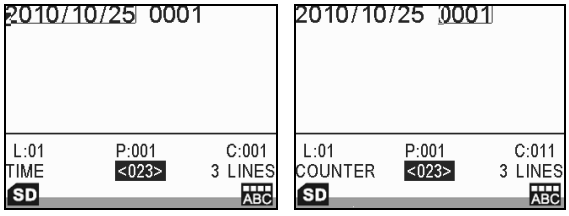


☞ Quick Basic Operation:

1. Use arrow keys to move the cursor to any position you desire.

2. In Editing Mode, press ◀ / ▶, ◀◀ / ▶▶ to adjust the cursor to the objects.

- ◀ / ▶ Fast: Select the previous or next object.

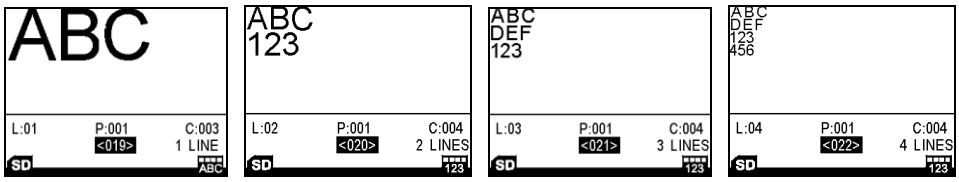


- ◀◀ Home: Select the first object of a message.
- ▶▶ End: Select the final object of a message.
- ENTER : Advance to next step/screen or confirm the selection.
- ESC : Back to previous step/screen or abort current action.

TEXT

☞ Non-Roman characters are not available to the system, please refer to our PC editing software – **MessagePRO**, which allows you to input all different text messages, save to SD card and then input to U2.

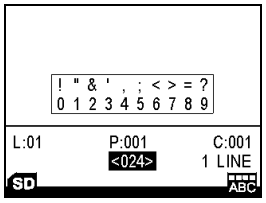
1. Under Editing Mode, press F1 to choose 1, 2, 3 or 4 lines.



☞ Multi-lines do not support barcodes. Other than barcode, objects are restricted to the designated line, unable to cross different lines. In order to generate a message with various objects combined in any form, please go for free-line mode, which is only available in **MessagePRO**.

2. Select the system font height. (Heights: 2.7mm, 3.6mm, 5.5mm, 8mm, 10mm, 12.7mm)
3. Press . **SYMBOLS** and select **SYMBOL** or **EURO CHAR**.
4. Press the corresponding number to choose the symbol.

☞ When you select different fonts, type of symbol changed accordingly. Some system font does not support European Accented Characters.



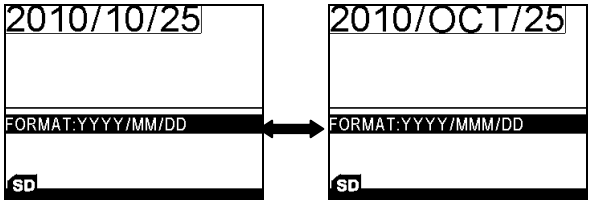
5. Press ABC... once or twice to select capital letter or numeric number.
6. Input the text content you wished.
7. Press ESC to save & exit (See Save Message) .

☞ Default system only offer Upper case font.

TIME

Add production date to a message.

1. Under Editing Mode, press F2 and choose **CREATE TIME** or **DATE/TIME FORMAT** (See Date/Time Format).
2. Press NO ◀ ▶ YES to choose a time format you need.

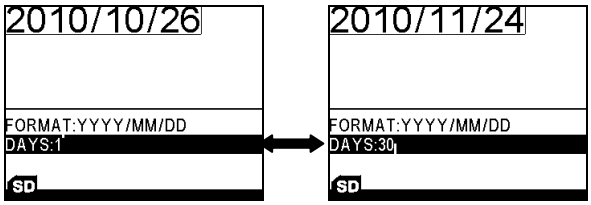


3. Press ESC to return to the Editing Mode.

EXPIRE

Insert Expiration date with various formats and expired duration.

1. Under Editing Mode, press F3 to add an expiration Date to the message.
2. Press NO ◀ ▶ YES to choose a time format you need.
3. Move down a row, and input expiry days.



4. Press ESC to return to the Editing Mode.

COUNTER

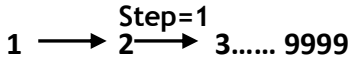
Print the counting numbers.

1. Under Editing Mode, press F4 to add a counter to the message.
2. Press NO ◀ ▶ YES to choose a counter type.

☞ There are 2 types of counter: Single and BOX/LOT (Box and lot should be used together, when the box prints over the max value, the box will reset to minimum value and lot will advance a step value.)

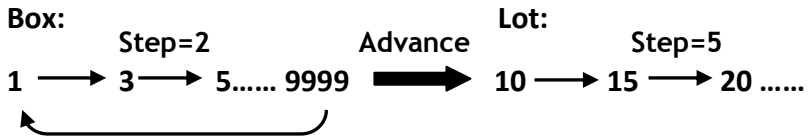
For example:

①Single counter (Max: 9999, Min: 1, Current: 1, Step: 1)



②Box (Max: 9999, Min: 1, Current: 1, Step: 2)

Lot (Max: 9999, Min: 1, Current: 10, Step: 5)



3. Move to **MAX** and **MIN**, and input their value.
4. Move to **Step**, and input a value.

☞ To Count-Up: Input a positive step value.

☞ To Count-Down: Input a negative step value. (Press · to obtain minus (—) sign)

5. Move to **ALARM**, and press NO ◀ ▶ YES to switch ON/OFF. (Available when **COUNTER ALARM** is **ON**.)

☞ When counter exceeding the maximum value during printing, the system will switch to **PRINT OFF** automatically.

6. Press ESC to return to the Editing Mode.

SHIFT

Create shift for different operator and their starting work time.

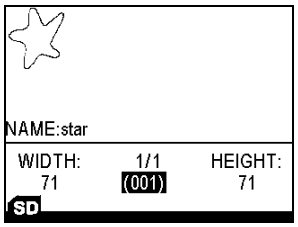
1. Under Editing Mode, press F5 and choose **CREATE SHIFT** to add a shift to the message.
2. Select **SHIFT SETUP** to setup. (See **SHIFT**)
3. Press ESC to return to the Editing Mode.

LOGO

Download the Logo from PC to SD card via **MessagePro** software!

1. Under Editing Mode, press F6 to add a LOGO to the message.

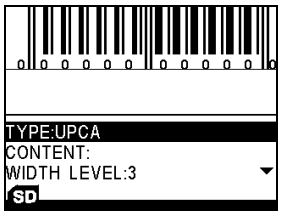
2. Press ▲ ▼ to choose a logo.



3. Press ENTER to return to the Editing Mode.

BARCODE

1. Under Editing Mode, press F7 to add Barcode into the message.
2. Press NO◄ ►YES to select a barcode type you need.



3. Press NO◄ ►YES to choose width-level you need.

☞ Width-level indicates the spacing between bars.

4. Input the contents.
5. Press ESC to return to the Editing Mode.

☞ Important information to edit different barcode.

- UPCA: numeric (0~9), length: 11 digits // calculate the check digit automatically.
- UPCE: numeric (0~9), length: 6 digits.
- EAN13: numeric (0~9), length: 12 digits // calculate the check digit automatically.
- EAN8: numeric (0~9), length: 7 digits // calculate the check digit automatically.
- INTER25: numeric (0~9), length: even, 50 digits Max.
- CODEBAR: first character (A～D), middle (0~9 and - $: / . +), last (A～D) length: 50 digits Max.
- CODE39: numeric (0~9) & A~Z & space & symbols (+ % - . $ /), length: 50 digits Max.

- CODE128: numeric (0~9) & A~Z & a~z & space & all symbols, length: 50 digits Max.
- SCC14: numeric (0~9), length: 14 digits.
- SSCC18: numeric (0~9), length: 18 digits.
- EAN128: numeric (0~9) & A~Z & a~z & space & all symbols, length: 50 digits Max.
- PDF417: 2D Barcodes.

String

Allows you to modify a frequent used text string in a message.

1. Under Editing Mode, press F8 to add a string to the message.
2. Press − NO ◀ ▶ + YES to choose a string number (String No.:1~5).
3. Input the string content on next row.
4. Press ESC to return to the Editing Mode.

Modify Object

1. Under Editing Mode, select the object you desired.
2. Press ENTER to modify.
3. Press ESC to return to the Editing Mode.

Delete Object

1. Under Editing Mode, select the object you desired.
2. Press X **DELETE** to delete the object.

Save Message

1. Under Editing Mode, press ESC .
2. The U2 will confirm with you to **SAVE & EXIT** or **ABORT & EXIT**.

Delete Message

Under the Message Browser, highlight to the message you want to delete, and then press X **DELETE**.

Setting Up Print Delay

Print Delay

allows you adjusting the distance of printing right after photocell is triggered.

1. Under Message Browser, and press

.
2. Input the value.

For example: If you set the delay to be 1 Inch, after the photocell is triggered, the PrintHead will wait conveyor to roll 1 Inch before the next print. (Each message can be set with print delays individually)

Printing Message

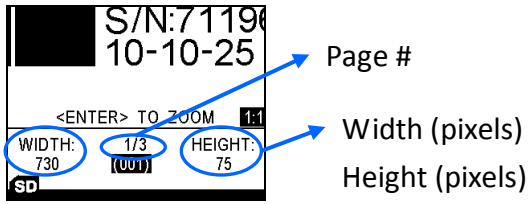
Under the Message Browser, select a message and press Print On.

☞ Normally at **PRINT ON** stage, most of actions are not available until you press Print Off. However, if you remove the cartridge, the system switches to **PRINT OFF** automatically.

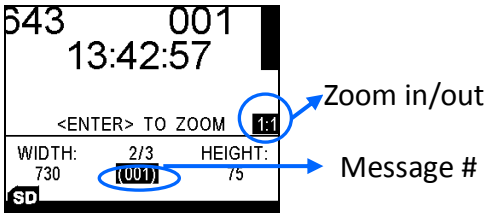
TOOLS

Preview Message

1. Under the Message Browser, highlight to a message you want to view and press Tools .
2. Move to **PREVIEW MESSAGE** and press ENTER .
3. Press NO ◀ ▶ YES to select page # in order to preview the whole message.



4. Press ▲ ▼ to preview the different messages.
5. Press ENTER to zoom in or out.



Preview Logo

1. Under the Tools, highlight to **PREVIEW LOGO** and press ENTER .
2. Press ▲ ▼ to select logos.
3. If the logo is too large or oversteps the screen area, press NO ◀ ▶ YES to preview the message.

Create New Message

Under the Tools, move to **CREATE NEW MESSAGE** and press ENTER . The system will search an empty message automatically and then to start to edit.

Find Message

Searching message by its name or number.

☞ Search by name only available when the **MESSAGE NAME** is activated.

When **MESSAGE NAME** is **OFF**, you can only find the message by its number.

Under the Tools, highlight to **FIND MESSAGE**.

1. Type the first few letters of the message name.
2. Press ENTER to find the message. (Maybe you need to take some time to wait searching)

Copy Message

Copy the message content to a different message location.

1. Select a message, then press Tools .
2. Highlight to **COPY MESSAGE** and press ENTER .
3. Input the Message No. you want to copy to.

Rename Message

Rename the message.

1. Select a message, then press Tools .
2. Highlight to **RENAME MESSAGE** and press ENTER .
3. Input a new name you desire.

Ink Report

System automatically calculates ink consumption base on the content of selected message.
Under the Tools, highlight to **INK REPORT**, press ENTER, the system shows residual ink content and automatically calculates the times of use it to print the current message.

Production Counter

Statically calculate the total print counts of production (maximum up to 99999999).

☞ **ALARM** available when **COUNTER ALARM** is **ON**.

Under the Tools, highlight to **PRODUCTION COUNTER** and press ENTER to setup.